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ATTORNEY DOCKET NO. 04150.0019U1
Application No. PCT/EP2003/009803

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re App | olication of |) | |
|------------|-------------------------------------|---|-----------------------------|
| L | INDROOS, et al |) | Art Unit: unassigned |
| Applicati | ion No. PCT/EP2003/009803 |) | Examiner: unassigned |
| Internatio | onal Filing Date: September 4, 2003 |) | Confirmation No. unassigned |
| For: F | or: PROCESS TO PREPARE A |) | |
| P | ARTICULATED METALLOCENE |) | |
| C | CATALYSTE WITH A MODIFIED |) | |
| Α | LUMINOXANE AND USE IN |) | |
| P | OLYMERIZATION OF OLEFINS |) | |

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

NEEDLE & ROSENBERG, P.C. Customer Number 23859

Sir:

Pursuant to the requirements of 37 C.F.R. § 1.56, submitted herewith on the accompanying Information Disclosure Statement List is a listing of documents known to Applicants and/or their attorneys. In accordance with 37 C.F.R. §1.98(a)(2), copies of any cited U.S. patent or U.S. patent application publication documents are not enclosed. Copies of any cited foreign patent document and/or any non-patent publication are enclosed.

This Information Disclosure Statement is believed to be filed in a timely manner pursuant to 37 C.F.R. § 1.97(b)(3), in that a first Office Action on the merits of the present patent application has not yet been mailed to Applicants.

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Consideration of the cited documents and making the same of record in the prosecution of the above-referenced application are respectfully requested.

No fee is believed due; however, the Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-0629.

Respectfully submitted,

NEEDLE & ROSENBERG, P.C.

Lawrence A. Villanueva Registration No. 43,968

NEEDLE & ROSENBERG, P.C. Customer Number 23859 (678) 420-9300 (678) 420-9301 (fax)

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Scott Darnell

Date

Attorney Dod No. 04150.0019U1 International Application No. PCT/EP2003/009803

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| Intl Application No. | PCT/EP2003/009803 | | | | |
| Intl Filing Date | September 4, 2003 | | | | |
| First Named Inventor | LINDROOS, et al. | | | | |
| Group Art Unit | Unassigned | | | | |
| Examiner Name | Unassigned | | | | |

| Examiner's Initials | Cite No. | Document No. | Date | Name | Class | Subclass | Filing Date (if appropriate |
|---------------------|-------------|---|----------|-------------|-------|----------|-----------------------------|
| | A1 | 5892079 | 04/06/99 | Wilson | 556 | 11 | |
| | A2 | 5908903 | 06/01/99 | Rösch | 526 | 153 | |
| | A3 | 6025407 | 02/15/00 | Nagy et al. | 522 | 29 | |
| | A4 | 6576723 (same as Cite A5 below: DE 198 234 172 A1) | 06/10/03 | Bohnen | 526 | 13 | |

| (same as Cite A4 above: US6576723 B1 Technologies GmbH & Co. KG. A6 EP 0129368 B2 04/03/02 ExxonMobil Research & Yes Engineering Co. A7 EP 0206794 B2 08/28/02 ExxonMobil Research & Yes Engineering Co. A8 EP 0360492 A2 03/28/90 Mitsui Petrochemical Industries, Ltd. Yes Industries, Ltd. A9 EP 0582268 B1 11/18/98 Tosoh Corporation Yes Plastics Tecnology Corp. A10 EP 0630910 A1 12/28/94 Union Carbide Chemicals & Plastics Tecnology Corp. A11 EP 0638595 A2 02/15/95 Mitsui Petrochemical Industries, Ltd. Yes Industries, Ltd. A12 EP 0685494 A1 12/06/95 PCD-Polymere Gesellschaft m.b.H. Yes Gesellschaft m.b.H. A13 EP 0774470 A1 05/21/97 Elf Atochem S.A. No | xaminer's | Cite No. | Foreign Patent Document Country Code-Number-Kind Code | Date | Name | Translation Yes/No |
|---|-------------|-------------|--|----------|-------------------------|------------------------|
| Engineering Co. ExxonMobil Research & Yes | | A5 | (same as Cite A4 above: US6576723 | 11/25/99 | Technologies GmbH & Co. | Yes, see Cite A4 above |
| Engineering Co. | | A6 | EP 0129368 B2 | 04/03/02 | | Yes |
| Industries, Ltd. A9 | | A7 | EP 0206794 B2 | 08/28/02 | ExxonMobil Research & | Yes |
| A10 EP 0630910 A1 12/28/94 Union Carbide Chemicals & Plastics Tecnology Corp. A11 EP 0638595 A2 02/15/95 Mitsui Petrochemical Industries, Ltd. A12 EP 0685494 A1 12/06/95 PCD-Polymere Gesellschaft m.b.H. A13 EP 0774470 A1 05/21/97 Elf Atochem S.A. No A14 EP 0781783 A1 12/23/96 BASF Aktiengesellschaft Yes, see Cite A2 above: US5908903 A15 EP 0787746 B1 08/11/99 Borealis AG No A16 JP 04284501 05/17/94 Mitsui Toatsu C Yes A17 WO 98/20045 05/14/98 Union Carbide Chemicals & Plastics Technology Corp. A18 WO 93/13140 07/08/93 Exxon Chemical Patents Yes | | A8 | EP 0360492 A2 | 03/28/90 | | Yes |
| Plastics Tecnology Corp. A11 EP 0638595 A2 02/15/95 Mitsui Petrochemical Industries, Ltd. Yes Industries, Ltd. PCD-Polymere Gesellschaft m.b.H. Yes Gesellschaft m.b.H. A13 EP 0774470 A1 05/21/97 Elf Atochem S.A. No A14 EP 0781783 A1 12/23/96 BASF Aktiengesellschaft Yes, see Cite A2 above: US5908903 A15 EP 0787746 B1 08/11/99 Borealis AG No A16 JP 04284501 05/17/94 Mitsui Toatsu C Yes A17 WO 98/20045 05/14/98 Union Carbide Chemicals & Yes Plastics Technology Corp. A18 WO 93/13140 07/08/93 Exxon Chemical Patents Yes Patents Patents Yes Patents Patents Yes Patents Patents | | A9 | EP 0582268 B1 | 11/18/98 | | Yes |
| A11 EP 0638595 A2 02/15/95 Mitsui Petrochemical Industries, Ltd. Yes A12 EP 0685494 A1 12/06/95 PCD-Polymere Gesellschaft m.b.H. Yes A13 EP 0774470 A1 05/21/97 Elf Atochem S.A. No A14 EP 0781783 A1 (same as Cite A2 above: US5908903) BASF Aktiengesellschaft Yes, see Cite A2 above: Ves, see Cite A2 above: US5908903 A15 EP 0787746 B1 08/11/99 Borealis AG No A16 JP 04284501 05/17/94 Mitsui Toatsu C Yes A17 WO 98/20045 05/14/98 Union Carbide Chemicals & Yes Plastics Technology Corp. A18 WO 93/13140 07/08/93 Exxon Chemical Patents Yes | | A10 | EP 0630910 A1 | 12/28/94 | | Yes |
| Gesellschaft m.b.H. A13 | | A11 | EP 0638595 A2 | 02/15/95 | | Yes |
| A14 EP 0781783 A1 (same as Cite A2 above: US5908903 A15 EP 0787746 B1 08/11/99 Borealis AG No A16 JP 04284501 05/17/94 Mitsui Toatsu C Yes A17 WO 98/20045 05/14/98 Union Carbide Chemicals & Plastics Technology Corp. A18 WO 93/13140 07/08/93 Exxon Chemical Patents Yes | | A12 | EP 0685494 A1 | 12/06/95 | PCD-Polymere | Yes |
| (same as Cite A2 above: US5908903 Borealis AG No A15 EP 0787746 B1 08/11/99 Borealis AG No A16 JP 04284501 05/17/94 Mitsui Toatsu C Yes A17 WO 98/20045 05/14/98 Union Carbide Chemicals & Yes Plastics Technology Corp. A18 WO 93/13140 07/08/93 Exxon Chemical Patents Yes | | A13 | EP 0774470 A1 | 05/21/97 | Elf Atochem S.A. | No . |
| A16 JP 04284501 05/17/94 Mitsui Toatsu C Yes A17 WO 98/20045 05/14/98 Union Carbide Chemicals & Yes Plastics Technology Corp. Plastics Technology Corp. A18 WO 93/13140 07/08/93 Exxon Chemical Patents Yes | | A14 | (same as Cite A2 | 12/23/96 | BASF Aktiengesellschaft | Yes, see Cite A2 above |
| A17 WO 98/20045 05/14/98 Union Carbide Chemicals & Yes Plastics Technology Corp. A18 WO 93/13140 07/08/93 Exxon Chemical Patents Yes | | A15 | EP 0787746 B1 | 08/11/99 | Borealis AG | No |
| Plastics Technology Corp. A18 WO 93/13140 07/08/93 Exxon Chemical Patents Yes | | A16 | JP 04284501 | 05/17/94 | Mitsui Toatsu C | Yes |
| | | A17 | WO 98/20045 | 05/14/98 | | Yes |
| | | A18 | WO 93/13140 | 07/08/93 | | Yes |

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| Intl Application No. | PCT/EP2003/009803 |
| Intl Filing Date | September 4, 2003 |
| First Named Inventor | LINDROOS, et al. |
| Group Art Unit | Unassigned |
| Examiner Name | Unassigned |

| Examiner's Initials | Cite No. | Non-Patent Citations (include Author, Title, Publisher, Relevant Pages, Date and Place of Publication) | | |
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| | A21 | Fischer, D. et al., Makromolekulare Chemie, Marcomolecular Symposia, Huthig und Wepf Verlag. Basel, CH, vol. 66, 1 February 1993, pages 191-202. | | |
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| | A23 | Janiak et al, J. Pol. Sci., Part A, vol. 31, no. 12 (1993), 2959-2968. | | |
| Examiner Signature: | | re: Date Considered: | | |

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